Schedule of Accreditation

Issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



8896 Accredited to ISO/IEC 17025:2017

Kiwa Limited trading as Kiwa Watertec Laboratory

Issue No: 018 Issue date: 20 December 2024

Unit 26a

Rassau Industrial Estate

Rassau

Ebbw Vale

NP23 5SD

Contact: Mr David Jay Tel: +44 (0) 1495 308185

Fax: +44 (0) 1495 304496

E-Mail: David.Jay@kiwa.co.uk

Website: www.kiwa.co.uk

Testing performed by the Organisation at the locations specified below

Location details	Contact	Location code
Unit 26a Rassau Industrial Estate Rassau Ebbw Vale NP23 5SD	Contact: David Jay Tel: +44 (0) 1495 308185 Email: David.Jay@kiwa.co.uk	L – Ebbw Vale Laboratory
Customer Sites	Contact: David Jay Tel: +44 (0) 1495 308185 Email: David.Jay@kiwa.co.uk	C - Customer Sites

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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Tap ware, industrial boiler fittings, pressure reducing valves, pressure relieve valves, expansion vessels. Metal pipes, piping systematic pollution devices and heating devices	Determination of water tightness	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 1111.1 1111.6, 1111.7,1111.8, 1111.9, 1111.10,1111.11, 1112.1, 1112.2, 1112.5, 1113.1, 1113.2 1111.2,1111.3,1111.4, 1111.5 1111.7, 1111.9, 1111.10 1112.7, 1112.8, 1112.11, 1112.14, 2213.13	L&C
		BS 1212-2:1990 Clause 26	L
Sanitary tap ware, float valves	Determination of resistance against torque	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 1315.1, 1315,2, 1315.4, 1315.6	
		BS 1212-2:1990 Clause 27	L

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Sanitary tap ware, valves, pressure relief valves, storage cisterns, urinals, WC outlet valves, check valves	Visual tests	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 1211.14, 1311.3, 1611.1, 1611.2, , 1611.11, 1611.14, 2213.5, 2213.7, 1611.8, 1611.9, 1611.10, 2211.3, 2212.10, 2213.1,2213.3, 2212.4, 2213.5,2213.7, 2213.10, 2213.12, 2213.15, 2213.16, 2213.17, 2213.18, 2213.19,	L
		1611.5 5011.1 6001.1	L&C
		BS EN 13077: 2003 Withdrawn BS EN 13078: 2003 BS EN 13079: 2003 BS EN 14622: 2005 BS EN 14623: 2005 BS 1212-2:1990 Clause 4 BS 1212-2:1990 Clause 9 BS 1212-2:1990 Clause 10 BS 1212-3:1990 Clause 4 BS 1212-4:1991 Clause 4 Withdrawn	L

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Sanitary tap ware, valves, pressure relief valves, storage cisterns, urinals, WC outlet valves, check valves	Physical/ Mechanical tests Screw Threads Inlet Connections Backnuts Bodies Body Coupling Nuts Backplate Nuts Backplates Backplates Backplates Plungers Levers Float Adjusters & Thumb Screws Split Cotter Pins	BS 1212-2:1990 Clause 12 BS 1212-2:1990 Clause 13 BS 1212-2:1990 Clause 14 BS 1212-2:1990 Clause 15 BS 1212-2:1990 Clause 16 BS 1212-2:1990 Clause 17 BS 1212-2:1990 Clause 18 BS 1212-2:1990 Clause 19 BS 1212-2:1990 Clause 22 BS 1212-2:1990 Clause 23 BS 1212-2:1990 Clause 23	L
	Discharge Arrangements Inlet Connections Seats Backnuts Float arm or float arm assembly Discharge arrangements Distortion and deflection Hydraulic pressure Backflow Flow General Dimensions	BS 1212-2:1990 Clause 24 BS 1212-2:1990 Clause 25 BS 1212-3:1990 Clause 8 BS 1212-3:1990 Clause 9 BS 1212-3:1990 Clause 10 BS 1212-3:1990 Clause 11 BS 1212-3:1990 Clause 12 BS 1212-3:1990 Clause 13 BS 1212-3:1990 Clause 14 BS 1212-3:1990 Clause 15 BS 1212-3:1990 Clause 16 BS 1212-4:1991 Clause 10 Withdrawn BS 1212-4:2016 Clause 5.1	
	Inlet connections Backnuts torque Water level adjustment Backnuts	BS 1212-4:1991 Clause 11 Withdrawn BS 1212-4:2016 Clause 5.2 BS 1212-4:2016 Clause 5.3 BS 1212-4:2016 Clause 5.4 BS 1212-4:1991 Clause 12 Withdrawn	
	Float adjustment Discharge arrangements Marking Inlet shank and backnut distortion	BS 1212-4:1991 Clause 13 Withdrawn BS 1212-4:1991 Clause 14 Withdrawn BS 1212-4:2016 Clause 5.5 BS 1212-4 2016 Clause 7 BS 1212-4:1991 Clause 15	
		Withdrawn	

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Sanitary tap ware, valves, pressure relief valves, storage cisterns, urinals, WC outlet valves, check	Physical/ Mechanical tests (cont'd)		
valves	Hydraulic pressure	BS 1212-4:1991 Clause 16 Withdrawn BS 1212-4:2016 Clause 6.1	L
	Backflow Vacuum testing for backflow prevention	BS 1212-4:1991 Clause 17 Withdrawn BS 1212-4:2016 Clause 6.2	
	Flow	BS 1212-4:1991 Clause 18 Withdrawn BS 1212-4:2016 Clause 6.3	
	Endurance test	BS 1212-4:1991 Clause 19 Withdrawn BS 1212-4:2016 Clause 6.4	
	Delayed action Inlet Valves	BS 1212-4:2016 Clause 6.5	
	Float	BS 1212-4:1991 Clause 20 Withdrawn	
EC cistems, storage cisterns, cylinders, expansion vessels	Capacity	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 5031.1, 5031.2	L&C
Testing of check valves	Determinance of high velocity, verification of valves not jamming	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 1112.15, 1312.3, 1313.4, 1313.7	L

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Sanitary appliances, fittings, backflow prevention devices	Vacuum tests	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 2211.2, 2212.3, 2212.6, 2212.13, 2212.14, 2212.15, 2212.20, 2213.12, 2213.14, 2213.15, 5011.6, 5021.3 BS EN 13076: 2003 BS 1212-2:1990 Clause 28	L
Fittings	Deformation test	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 1312.2, 1312.9	L
Fittings	Tension tests	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 1314.1, 1314.7, 1314.8, 1314.9, 1314.10, 1314.11, 1314.12, 1314.13, 1314.14, 1314.15, 4001.13 Test Methods BS 864.5, 1990 Withdrawn EN1254.02, 1998 withdrawn EN 13618, BS 7291-2, 2001 Withdrawn BS 7291-3, 2001 Withdrawn BS 7291-4 1990 Withdrawn AS/AZW 34099: 2006 Clause 8.4 Withdrawn	L

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Fittings	Corrosion Protection	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheet 1412.1	L&C
Fittings	Effect upon water quality (non-metallic materials)	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheet 2111.1	L
Storage cistems	Ageing test	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheet 1212-1	L
	Performance tests	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 1311.1, 1312.1, 1312.7, 1312.10, 2211.11	L

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Taps, float operated valve, self-closing taps, water heaters, WC outlet valves, flushing devices	Endurance tests	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheets 1211.2,1211.3, 1211.4, 1211.5, 1211.7, 1211.15, 1211.16, 1211.21, 1411.3, 4001.10, 4001.12 BS EN 200: 2008 Clauses 12.1, 12.3 BS EN 817:2008 Clause 12.3 BS EN 816: 1997 Clause 13.3 Withdrawn BS 1212-3: 1990 Clause 17 and Appendix H BS 1212-4 2016 Clause 6.4 and Annex G BS 1212-2:1990: Clause 29 BS 1212-2:1990 Clause 30	L
Hot water Unvented storage cylinders	Endurance tests	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheet 1211.17	L

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Various types of Valves	Determination of water tightness closure tests	BS 750: 1984 Clause 7.1 Withdrawn BS 750: 2012 Clause 11 BS EN 1074/6: 2008 Clause 5.2.2 BS 1010: 1973 Part 2 Clause 1.7.2 Withdrawn BS 2580: 1979 Clause 18 Withdrawn BS 2879: 1980 Clause 18 BS 5155: 1984 Clause 12 Withdrawn BS EN 593: 2009 + A1 2011 Clause 4.2.4.2 Withdrawn BS 5163: 1986 Clause 8, 18.2, 19.1 and 19.2 BS 5163/1 2004 referring to EN 1074/1 EN 1074/1 Clause 5.2.2 BS 5163/1: 2004 referring to EN 12266/1 BS EN 1171 2002 Clause 4.2.3 Withdrawn BS EN 12288: 2003 Clause 4.3.2 Withdrawn BS 5412/2 BS 5413/2:1976 Clause 9 Hydraulic test only Withdrawn BS 5412/2 BS 5413/2:1976 Clause 9 Hydraulic test only Withdrawn BS 5412: 1996 Clause 8.2.2 Hydraulic test Withdrawn BS 7942: 2011 Clause 7.1 BS EN 200: 2008 Clause 8.3 BS EN 816: 1996 Clause 8.3 BS EN 816: 1996 Clause 9.3 Withdrawn BS EN 1287: 1999 Cluse 8.3 BS EN 1111: 1998 Clause 9.3 Withdrawn BS EN 1287: 1999 Cluse 9.3 Withdrawn BS EN 1287: 1999 Cluse 9.3 Withdrawn BS EN 13828: 2003 Clause 4.2.4 Withdrawn BS EN 13828: 2003 Clause 4.2.4 Withdrawn BS EN 13828: 2003 Clause 5.2.1 BS EN 13847: 2012 Clause A3 and A5 BS EN 1266-1 2012 Clause A3 and A5 BS EN 13547: 2013 Clause 5.2	L

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Various types of Valves	Determination of water tightness of Body	BS 750 : 1984 Clause 7.1 Withdrawn BS 750 : 2012 Clause 11 BS EN 1074/6 : 2008 Clause 5.2.1 BS 1010 : 1973 Part 2 Clause 1.7.1 Withdrawn BS 2580 : 1979 Clause 18 Withdrawn BS 2879 : 1980 Clause 18 BS 5155 : 1984 Clause 12 Withdrawn BS EN 593 : 2011 Clause 4.2.4.2 Withdrawn BS 5163 : 1986 Clause 19.1 BS 5163/1 2004 refer to EN 1074/1 Withdrawn BS EN 1074/2 2000 clause 5.1.1 body pressure test BS EN 1171 2002 Clause 4.2.1Withdrawn BS EN 12516-3 2002 body pressure test Withdrawn BS EN 12288 : 2003 Clause 4.3.1 Withdrawn BS 5412/2 BS 5413/2 : 1976 Clause 9 Hydraulic test only Withdrawn BS 5412 : 1996 Clause 8.2.3 Hydraulic test only Withdrawn BS 7942 : 2011 Clause 9.2.3 BS EN 200 : 2008 Clause 8.4 BS EN 816 : 1996 Clause 8.4 BS EN 1111 : 1998 Clause 9.5 BS EN 1287 : 1999 Cluse 9.5 BS 5433 : 1976 Clause 8 BS 5728 Part 3 1984 (ISO 4064:1983) Withdrawn ISO 4064/31983 Clause 10.1.3.2 Withdrawn BS 6675 : 1986 Clause 12 BS EN 13789 2002 Clause 4.2.1 Withdrawn	L

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Various types of Valves	Determination of water tightness of Body (continued)	BS EN 13828 : 2003 Clause 5 BS EN 13547 2013 Clause 5.1 BS EN 12266-1 2003 A4.3 Withdrawn	L
	Deflection tests	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheet 1311.5	L
Ice making machines	Consumption	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheet 1512.8	L
Hot water storage cylinders	Pressure tests	BS EN 12897 Clause 4.4.1, 4.4.2 and clause 6.2.2 Withdrawn BS 12897:2016 Clauses 4.3.1, 4.3.2 and 6.2.9 Withdrawn BS 1566-1 2002 Clause 16.1 and 16.2 Withdrawn	L
Hot water storage cylinders	Performance tests	BS EN 12897 Clause 6.2.3 and A.4.2 to A.5.2 Withdrawn BS 12897:2016 Clauses 6.2.4, 6.2.5 and A4.2 to A5.1 Withdrawn BS 1566-1 2002 Clause 14, 15 and Annex A BS 12897:2016 Withdrawn	L

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Hot water storage cylinders	Energy loss tests	BS EN 12897 Clause 6.2.7 and Annex B Withdrawn BS 12897:2016 Clause 6.2.7 and Annex B Withdrawn BS 1566-1 2002 Clause 12 and Annex B Withdrawn	L
Check Valves	Determination of performances and watertightness of check valves	BS EN 13959 2004 Clauses 11.1, 11.3, 11.4, 11.5, 11.6, 11.7 11.11 and 11.12	L
Plumbing Items in Contact with water distribution network	Opacity tests	In accordance with Water Supply (Water Fittings) Regulations (Byelaws) - Regulators' Specification for fittings Test Code Sheet 2114.2 BS EN 578:1994 Withdrawn BS 2782-11: Method 1104A: 1994 Withdrawn BS EN ISO 7686:2005	L
	END	,	

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